

**The Ninth Annual Conference on  
Recycling of Fibrous Textile and Carpet Waste**

**CONFERENCE PROGRAM**

**May 10, 2004, Monday**

**7:30-8:30 Registration and Breakfast**

**8:30am-10:00am Session I**  
Chair: Anselm Griffin, Georgia Tech

**Shaw Industries' Environmental Initiative**  
Steve Bradfield, Shaw Industries, Dalton, GA  
**CARE - A Market and Product Development Update**  
Robert Peoples, Carpet & Rug Institute, Dalton, GA  
**Systems Analysis of Textile Recycling**  
Jana Hawley, University of Missouri, Columbia MO

**10:00-10:30 Break**

**10:30am-12:00pm Session II**  
Chair: Howard Elder, J&J Industries

**Composite Products from Post Consumer Carpet**  
John Muzzy, Georgia Tech, Atlanta, GA  
**Regional Fiber Recycling System**  
Matthew Realf, Georgia Tech, Atlanta, GA  
**Emission Studies of Carpet as an Alternative Fuel**  
James Mulholland, Paul Lemieux\*, and Matthew Realf, Georgia Tech, Atlanta, GA and \*US EPA Office of R&D, Research Triangle Park, NC

**12:00-1:30 Lunch (included)**

**1:30pm-3:00pm Session III**  
Chair: Robert Peoples, CRI

**PANEL DISCUSSION: Sustainability Standards for Carpet and Textiles.**  
Robert Peoples (Moderator), CRI  
Howard Elder, J&J Industries  
Michael Italiano, MTS  
Kirsten Ritchie, SCS  
**Next Generation Carpet Design**  
Fred Cook, Georgia Tech, Atlanta, GA

**3:00-3:30 Break**

**3:30pm-5:30pm Session IV**  
Chair: Fred Cook, Georgia Tech

**Sustainable Practices in the Commercial Carpet Industry**  
Cathy Rusinko, Philadelphia University, Philadelphia, PA

**3:30pm-5:30pm Session IV (Cont'd)**

**Plastics Recycling and Integrated Waste Management**  
Sushil Verma, Central Institute of Plastics Eng. & Tech, Ministry of Chemicals & Fertilizers, India  
**Challenges of FTNIR for Recycling of Fibrous Textile and Carpet Waste Industries**  
Doug Martin, Q. Wang, and Dan Klevisha, Bruker Optics Inc., Greensboro, NC

**5:30-6:30 Reception (included)**

**May 11, 2004, Tuesday**

**8:00-8:30 Continental Breakfast**

**8:30am-10:00am Session V**  
Chair: Jana Hawley, University of Missouri

**Biodegradable Composite Nonwoven Materials Based on Recyclable Cotton Textiles**  
Ioan Negulescu, Yan Chen, Jacqueline Robeck\*, Xiaoqun Zhang and Liangfeng Sun, Louisiana State University, Baton Rouge, LA and \*University of Louisiana at Lafayette, Lafayette, LA  
**Textile Products from Alternative Fibers**  
Brian George, Philadelphia University, Philadelphia, PA  
**Processes of Converting Multi-fiber Textile Waste into Products**  
Kenneth Langley and Yong K. Kim, University of Massachusetts at Dartmouth

**10:00-10:30 Break**

**10:30am-12:00pm Session VI**  
Chair: John Muzzy, Georgia Tech

**Recycled Product Market Development**  
Gouranga Banik, Southern Polytechnic State University, Marietta, GA  
**Modern Solutions for Shredding, Grinding and Repelletizing Post-Industrial Fiber, Nonwovens and Carpet Scrap**  
Chris Strzelecki, Advanced Extrusion Solutions, Norcross, GA  
**Recycling, Sustainability and the Environment**  
Youjiang Wang, Georgia Tech, Atlanta, GA

**12:00 Sessions Adjourn**

**12:00-12:45 Lunch (included)**

**1:00-2:30 Post-Conference Tour of Plant 23, Shaw Industries, Dalton, GA**

**PLEASE SIGN UP for tour at registration desk**